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750 BERING DRIVE
HOUSTON, TX 77057-2198
PHONE 713.787.1400
FAX 713.787.1440
A LIMITED LIABILITY PARTNERSHIP



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
MAITLAND, et al.

Serial No.: 09/508,874

Filed: 8 June, 2000

For: ELECTRICALLY CONDUCTIVE NON-AQUEOUS WELLBORE FLUIDS

Group Art Unit: 1712

Examiner: P. Tucker

Atty. Dkt. No.: 11836.0689.PCUS00

#12/8m
11.19.02

RESPONSE TO OFFICE ACTION

Commissioner for Patents
Washington, D.C. 20231

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DATE OF DEPOSIT 14 November 2002
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 Signature

In response to the Office Action dated 14 August 2002, Applicants hereby request the following:

Please make the following amendments:

IN THE CLAIMS:

C1

38. (Twice Amended) A wellbore fluid of the water-in-oil emulsion type comprising a discontinuous aqueous or brine phase, solids, a water immiscible organic liquid OL, and having a non-aqueous continuous liquid phase that comprises a polar organic liquid POL which exhibits a dielectric constant of at least about 5.0 and a Hildebrand Solubility Parameter of at least about $17 \text{ (J cm}^{-3})^{1/2}$ so that the liquid phase exhibits an electrical conductivity of not less than $10 \mu\text{S m}^{-1}$ at 1 kHz, wherein the non-aqueous liquid phase further comprises a dissolved component (DC) selected from: water; inorganic salts wherein the anion(s) is (are) a conjugate base of an acid

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02 FC:1202 108.00 CH
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